

Fig. 1

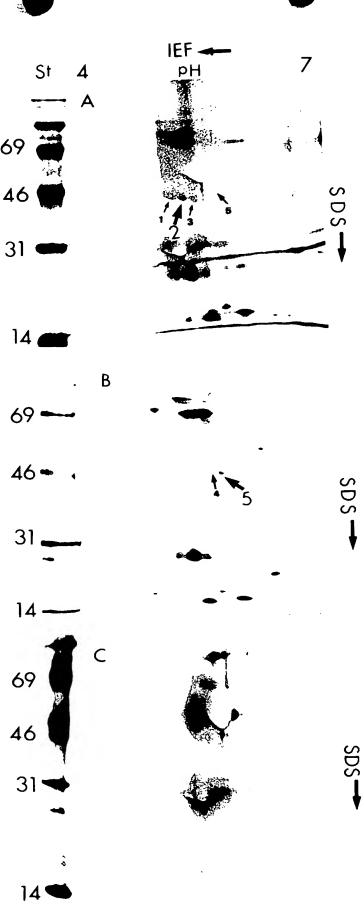


Fig.2



EF-Tu Min at 45 C Rec 0 15 30 60 90 C C RNA D

25°C 35°C 38°C

Fig. 4

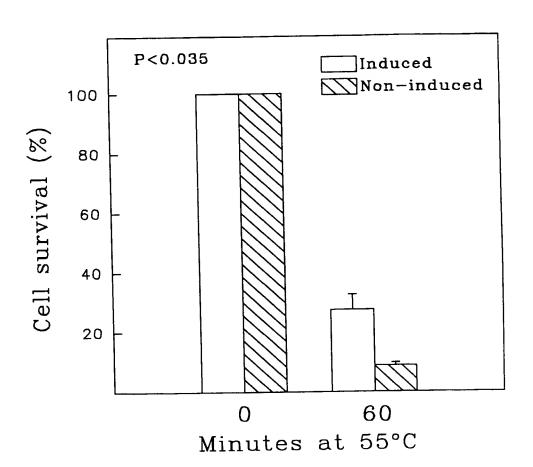
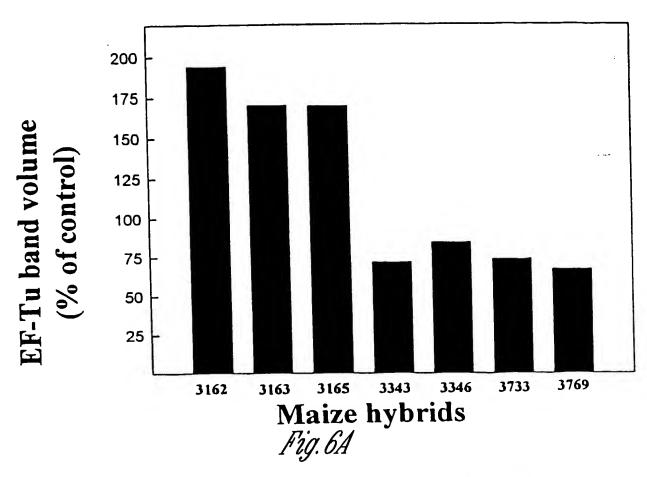
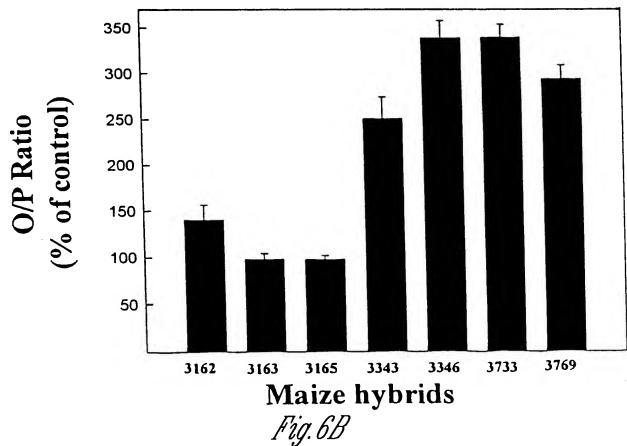


Fig. 5





C HS C HS C HS

EF-Tu

3162 3163 3165

(More heat-tolerant hybrids)

3343 3346 3733 3769
(Less heat-tolerant hybrids)

Fig.6C

AT TCCCAAATAA TCCCCACCTC CCGCTGCTGC TCCGCCGCCC GCCATGGCCT CCCTCACCTC GGCGTCCACT TCACTCQTCT TCCCGCAGGC CTCCTCATCC AGGAGCCGCA TCCGTCTCTC CACCCCCCTG GGCTTCTCCG CGCAGCCTGC GCGGCTGCGG AGCCAGGGG GCGGCAGTGG GCGCGCGCG GCGCGGCGC CTGCTGGTGG TGCGCGCGGC GAGGGGCAAG TTCGAGCGCA CCAAACCACA CGTCAACATA GGCACCATCG GCCATGTCGA CCACGGAAAG ACCACTCTCA CCGCCGCGCT CACCATGGTG CTCGCCTCCG TCGGTGGCAG CGCCCTAAG AAGTACGACG AGATCGACGC CGCCCCGAG GAGCGCCCC GCGGTATCAC CATCAACACC GCCACCGTCG AGTACGAGAC CGAGACCCGC CACTACGCAC ACGTCGACTG CCCCGGCCAC GCCGACTATG TCAAGAATAT GATCACCGGC GCTGCGCAGA TGGACGGTGC CATCCTCGTC GTATCCGGTG CCGACGGGCC CATGCCGCAG ACCAAAGAGC ACATCCTCCT CGCCAAGCAA GTCGGTGTTC CCAAGATCGT TGTCTTCCTC AACAAGAAGG ACATGGTCGA CGACGAGGAG CTGCTCGAGC TCGTCGAGCT CGAGGTCCGC GAGCTGCTCA GCAACTACGA GTACGACGGC GACGACGTAC CAATCGTCGC TGGCTCCGCC CTCAAGGCGC TCGAGGCTCT CATGGTCAAC CCTGCCTTGA AGCGCGGCGA CGATGAGTGG GTCGACTACA TCTTCTCGTT GGTTGATAAA GTGGATTCCT ATATTCCAGT CCCGCAGAGG CAGACTGACC TCCCGTTCTT GCTCGCTGTT GAAGATGTCT TCTCCATCAC CGGTCGTGGT ACAGTTGCCA CTGGCCGTAT AGAGCGTGGC ACCGTCAAGA TTGGTGACAC AGTCGATATC GTCGGAATCC GGGACACCCG GAACTGCACG GTCACTGGTG TTGAGATGTT CCAGAAGACC ATGGATGATG CCATGGCCGG AGACAATGTT GGGCTGCTGC TCCGTGGTAT GCAGAAGGAT GACATTGAAA GAGGCATGGT GCTGGCAAAG CCTGGCTCTA TCACACCGCA CACCAAGTTT GAGGCTGTTG TGTATGTGCT TAAGAAGGAA GAGGGTGGCC GACACTCACC TTTCTTCCCT GGTTACCGCC CACAGTTCTA CATGCGGACA ACTGATGTG ACAGGGAGTG TGACTACGAT TATGAATGAC AAGGATGAGG AGGCGAAGAT GTGCATGCCT GGTGACCGTA TCAAAATGAT TGTTCAGCTC ATCCAGCCTG TTGCTTGTGA GCAGGGTATG AGGTTTGCTA TCCGTGAGGG TGGTAAGACC GTTGGTGCCG GTGTCATCAA CAAAATCATT GAGTAAACTG GATATAACAT ATCCACCATG AGAATTTTCC TTGTTTACTC AAAGCGACAT GCTCCGTAGT TGTTATTATG TGGTGAGTTT TAGGGGTTGC TCATGTGCAA TTGTAGTATG ACACTTTTTT TTTGTCAAGT GAATITGCAT AATITATGAC ATTCACGACA AAGATTCACA TATCTGGTTG